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logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1          MAGVNKVIIVGNLGNDPDMRTMPNGDAVATLSVATSESWNDKMTGERREVTEWHRIVFFRRQAEVAGQYLRKGSKVYVEG    80
NTDB id 176673 SporoP17a RS09605 WP 083034451.1   ..MINRVVLVGRLTKDPELKYTQTGIAVTRFTLAVNRAFANAQG.E..READFITCVAWRKQAENIANYLRKGSLAGVDG    75
NTDB id 624 LCA RS00040 WP 011373726.1            ..MINRVVLVGRLTRDVDLRYTSSGAAVGTFSMAVNRQFTNANG.D..READFINCVIWRKSAENFANFTKKGSLVGVDG    75
NTDB id 113 BSU 40900 NP 391970.1                 ..MLNRVVLVGRLTKDPELRYTPNGAAVATFTLAVNRTFTNQSG.E..READFINCVTWRRQAENVANFLKKGSLAGVDG    75
NTDB id 112 BSU 36310 NP 391512.2                 ..MFNQVMLVGRLTKDPDLRYTSAGAAVAHVTLAVNRSFKNASG.E..IEADYVNCTLWRKTAENTALYCQKGSLVGVSG    75
consensus                                            **!*!**!!*!**!******  !*!!*****!***** ** * *  ********* *!**!!* *****!!!***!*!

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1          KLKTRKWQDQNGQDRYTTEIQGDVLQMLDSRSSGGDFGGNQGS.....GWNQAPA.QTNYNQGGYSDNYAQNNNFNGGNA   154
NTDB id 176673 SporoP17a RS09605 WP 083034451.1   RIQTGSFEGQDGKRVYTTEVVADSTQFLEPRSANTERQQSPSYGGGAPSYNAPSQNQGQGYN...NQQSYQPN.....QQ   147
NTDB id 624 LCA RS00040 WP 011373726.1            RLQTRNYENQQGQRVYVTEVVVDNFSLLESRTTTEQRQGDG....ASQNFNSNQSNGSQ.......QSGFTSPQQTGNAP   144
NTDB id 113 BSU 40900 NP 391970.1                 RLQTRNYENQQGQRVFVTEVQAESVQFLEPKNGGGSGSG.........GYNEGNSGGGQYFGGGQNDNPFGGNQNNQRRN   146
NTDB id 112 BSU 36310 NP 391512.2                 RIQTRSYENEEGVNVYVTEVLADTVRFMDPKPREKAAD.........................................   113
consensus                                          ***!* *****!*****!!*************       *           **       *         * *  **

logo

NTDB id 1390 A4U84 RS00055 WP 021115958.1          TRPQPAQKPAAQAEPPMDNFDDDIPF   180
NTDB id 176673 SporoP17a RS09605 WP 083034451.1   NMTRVDNDPFQPGGGPIEVTDDDLPF   173
NTDB id 624 LCA RS00040 WP 011373726.1            AANNTQADPFANNGQAIDISDDDLPF   170
NTDB id 113 BSU 40900 NP 391970.1                 QGNSFNDDPFANDGKPIDISDDDLPF   172
NTDB id 112 BSU 36310 NP 391512.2                 ..........................   113
consensus                                                 ***** * ***********
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X non conserved

X similar

X ≥ 50% conserved